

**TITLE: POWERED TURNTABLE WITH UNIVERSAL, SELF-ADJUSTING CHUCK
FOR HOLDING AUTO WHEELS AND THE LIKE FOR POLISHING**

5 **ABSTRACT:**

A new and improved powered rotating turntable with a universal, self-adjusting chuck for holding auto wheels and the like for polishing, which includes a pneumatically-adjusted, self-centering metal chuck for gripping and holding specialty wheel rims of motor vehicles for polishing. The chuck is self-adjusting, self-centering and is able to handle any diameter of wheel. With the self-adjusting, self-centering capability, this chuck eliminates the need to set up a new jig for gripping and holding a wheel rim each time a series of rims having a different diameter or style from the last series of wheel rims previously chucked-up and polished, thereby greatly improving the efficiency of the entire wheel polishing operation in terms of both time and cost of operation.